



Total Land Subsidence in the McMullen Valley, La Paz and Maricopa Counties
Based on ERS-1 and 2 Satellite Interferometric Synthetic Aperture Radar (InSAR) Data
Time Period of Analysis: 4.7 Years 06/08/1992 To 03/13/1997

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Explanation

06/08/1992 To 03/13/1997

Total Land Subsidence

	Decorrelation/No Data
	Greater 40 cm (15.7 in)
	25 - 40 cm (9.8 - 15.7 in)
	15 - 25 cm (5.9 - 9.8 in)
	10 - 15 cm (3.9 - 5.9 in)
	6 - 10 cm (2.4 - 3.9 in)
	4 - 6 cm (1.6 - 2.4 in)
	2 - 4 cm (0.8 - 1.6 in)
	1 - 2 cm (0.4 - 0.8 in)
	0 - 1 cm (0 - 0.4 in)

Subsidence Feature

Hardrock

Earth Fissures

Highways and Interstates

Interstate

US

State

Roads

Railway

1:299,524



Decorrelation (white areas) are areas where the phase of the received satellite signal changed between satellite passes, causing the data to be unusable. This occurs in areas where the land surface has been disturbed (i.e. bodies of water, snow, agriculture areas, areas of development, etc).

Earth fissures were mapped by the Arizona Geological Survey.
 For information on earth fissures visit: www.azgs.gov/EFC

Coordinate System: NAD 1983 UTM Zone 12N
 Projection: Transverse Mercator
 Datum: North American 1983
 Units: Meter
 Created: 1/6/2015

